



**FOLEY
HOAG**
ATTORNEYS AT LAW



May 10, 2002

U.S. Patent and Trademark Office
Box Sequence, P.O. Box 2327
Arlington, VA 22202

Isabelle M. Clauss, Ph.D., J.D.
Boston Office
617.832.1177
iclauss@foleyhoag.com

Re: U.S. Patent Application No: 10/047,991
Entitled: *Purification of Functional Ribonucleoprotein Complexes*
Filed: January 14, 2002
By: Robin Reed et al.
Atty Ref: HMV-080.01

Dear Sir:

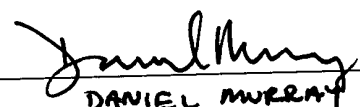
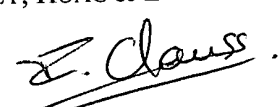
Enclosed for filing in the above-referenced patent application please find the following:

1. A copy of Notice to File Missing Parts of Nonprovisional Application (3 pages);
2. Response to Notice to File Missing Parts (2 pages);
3. Fee Transmittal (1 page);
4. Check in the amount of \$579.00 for filing and surcharge fees;
5. Declaration executed by the two inventors (2 pages);
6. Paper copy of Sequence Listing (6 pages);
7. Electronic copy of Sequence Listing;
8. Statement to Support Filing and Submission in Accordance with 37 C.F.R. § § 1.821-1.825 (2 pages);
9. Information Disclosure Statement Under 37 C.F.R. §1.97(b) (2 pages);
10. Form PTO-1449 (2 pages);
11. Copies of References "CA" - "CJ";
12. Preliminary Amendment (4 pages); and
13. Return receipt postcard.

20/503599.1

BOSTON / One Post Office Square / Boston, Massachusetts 02109 / TEL: 617.832.1000 / FAX: 617.832.7000
WASHINGTON, DC / 1747 Pennsylvania Ave., NW / Suite 1200 / Washington, DC 20006 / TEL: 202.223.1200 / FAX: 202.785.6687
Foley, Hoag & Eliot LLP
www.foleyhoag.com

The Commissioner is hereby authorized to charge any under-payments or credit any over-payments to our Deposit Account No. 06-1448.

<p align="center">Certificate of First Class Mailing</p> <p>I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202 on the date set forth below:</p> <p><u>May 10, 2002</u> Date</p> <p align="center"> DANIEL MURRAY</p>	<p>Respectfully submitted, FOLEY, HOAG & ELIOT LLP</p> <p align="center"></p> <p>Isabelle M. Clauss, Ph.D. Reg. No. 47,326 Attorney for Applicants Customer ID No. 25181</p>
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UNITED STATES PATENT AND TRADEMARK OFFICE

 COMMISSIONER FOR PATENTS
 UNITED STATES PATENT AND TRADEMARK OFFICE
 WASHINGTON, D.C. 20231
 www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/047,991	01/14/2002	Robin Reed	HMV-080.01

CONFIRMATION NO. 3263

FORMALITIES LETTER



OC000000007850869

 25181
 FOLEY, HOAG & ELIOT, LLP
 PATENT GROUP
 ONE POST OFFICE SQUARE
 BOSTON, MA 02109

Date Mailed: 04/11/2002

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 370 to complete the basic filing fee for a small entity.
- Total additional claim fee(s) for this application is \$144.
 - \$144 for 16 total claims over 20.
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 579.
- This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing", an initial paper or compact disc copy of the "Sequence Listing", as well as an amendment directing its entry into the application. Applicant must also provide a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

05/17/2002 BABRAHA1 00000133 10047991

 01 FC:201
 02 FC:205
 03 FC:203

 370.00 OP
 65.00 OP
 144.00 OP

For questions regarding compliance to these requirements, please contact:

- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Software, call (703) 306-2600
- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov

A copy of this notice MUST be returned with the reply.

S. B.

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



ATTACHMENT TO "NOTICE TO COMPLY WITH
REQUIREMENTS...SEQUENCE DISCLOSURES"

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be submitted using one of the following methods:

1. Electronically submitted through EFS-Bio
(<http://www.uspto.gov/ebs/efs/downloads/documents.htm>, EFS Submission User Manual - ePAVE)
2. Mailed to:
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Box Sequence, P.O. Box 2327
Arlington, VA 22202
3. Mailed by Federal Express, United Parcel Service or other delivery service to:
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2011 South Clark Place
Customer Window, Box Sequence
Crystal Plaza Two, Lobby, Room 1B03
Arlington, Virginia 22202
4. Hand Carried directly to the Customer Window at:
2011 South Clark Place
Crystal Plaza Two, Lobby, Room 1B03, Box Sequence,
Arlington, Virginia 22202



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Reed et al.

Serial No: 10/047,991

Filed: January 14, 2002

For: *Purification of Functional
Ribonucleoprotein Complexes*

Examiner: To be assigned

Art Unit: 1645

Attorney Docket No. HMV-080.01

U.S. Patent and Trademark Office
Box Sequence, P.O. Box 2327
Arlington, VA 22202

CERTIFICATE OF FIRST CLASS MAILING

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: U. S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202, on May 10, 2002.

Daniel Murray
DANIEL MURRAY


RESPONSE TO NOTICE TO FILE MISSING PARTS

Dear Sir:

Enclosed herewith is a response to the Notice to File Missing Parts dated April 11, 2002. In response to the Notice, enclosed is a check in the amount of \$579.00 (which includes a small entity filing fee of \$370.00, a surcharge fee of \$65.00, and a fee of \$144.00 for excess total claims). Also enclosed in response to this Notice is the Declaration signed by each of the two inventors, and a Sequence Listing, both in paper and electronic forms, along with a Statement.

As the Response to the Notice to File Missing Parts is due on June 11, 2002, no further fee is believed to be due in connection with this filing. However, if there is any further fee due, or if any refund is owed, please charge/credit our Deposit Account No. 06-1448.

Respectfully submitted,

By: 
Isabelle M. Clauss, Ph.D.
Reg. No. 47,326
Attorney for Applicants

Patent Group
FOLEY, HOAG & ELIOT, LLP
One Post Office Square
Boston, MA 02109-2170
Telephone: (617) 832-1000
Facsimile: (617) 832-7000
Customer ID No. 25181

Dated: May 10, 2002



FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) 579

Complete if Known

Application Number	10/047,991
Filing Date	January 14, 2002
First Named Inventor	Robin Reed
Examiner Name	Not yet assigned
Group / Art Unit	1645
Attorney Docket No.	HMV-080.01

METHOD OF PAYMENT (check one)

1. ☐

The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit
Account
Number

06-1448

Deposit
Account
Name

Foley, Hoag & Eliot, LLP

- ☐ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
- ☒ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ Payment Enclosed:

- ☒ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	370
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1)

(\$ 370)

2. EXTRA CLAIM FEES

	Total Claims	Extra Claims	Fee from below	Fee Paid
Total Claims	36	-20 ** = 16	X 9 = 144	
Independent Claims	3	-3 ** = 0	X 42 = 0	
Multiple Dependent	0		X 140 = 0	

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$ 144)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	65
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17 (q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$ 65)

SUBMITTED BY

Name (Print/Type)

Isabelle M. Clauss

Registration No. Attorney/Agent)

47,326

Telephone

617-832-1000

Signature

Date

05/10/02

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.